

Date: Sun, 24 Jan 93 04:30:12 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #102  
To: Info-Hams

Info-Hams Digest                      Sun, 24 Jan 93                      Volume 93 : Issue 102

Today's Topics:

                    FOR SALE---HTX-100  
                    Ham Radio Causes Cancer  
                    Software Systems Consulting,FAX  
                    TM-732 Intermod (was:Kenwood tm-732 mod/functions)  
                    VK2WI Weekly News, 24th January 1992

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: Sat, 23 Jan 1993 19:12:10 GMT  
From: usc!zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!news.columbia.edu!  
cunixb.cc.columbia.edu!baw2@network.UCSD.EDU  
Subject: FOR SALE---HTX-100  
To: info-hams@ucsd.edu

for sale:

HTX-100 ten meter cw/ssb rig. Hardly used, about 3hrs all together.

Ten-meter mobile ant, outstanding SWR

RS SWR meter, 3-30 Mhz

Total price: \$200

Respond via E-mail.  
ALL equipment still under warranty!!

-----  
Date: Sat, 23 Jan 1993 19:02:32 GMT  
From: psinntp!news.columbia.edu!cunib.cc.columbia.edu!baw2@uunet.uu.net  
Subject: Ham Radio Causes Cancer  
To: info-hams@ucsd.edu

The key here is that you should always stay as far away as possible (remember, I said \*as possible\*) from ANY transmitting antenna, regardless of pwr or freq. Some freq's are more hazardous than others, but this is still under investigation.

Bruce  
KA2TYX/ag

-----  
Date: 23 JAN 93 13:00:57  
From: decrrl!news.crl.dec.com!dbased.nuo.dec.com!nntpd.lkg.dec.com!  
ryn.mro4.dec.com!fccvde.enet.dec.com!klimasewski@decwrl.dec.com  
Subject: Software Systems Consulting,FAX  
To: info-hams@ucsd.edu

I am looking for a AM decoder circuit that might work with SSC "WEGOES" software.

thanks,  
Ken

-----  
Date: Sat, 23 Jan 1993 14:52:49 GMT  
From: sdd.hp.com!ncr-sd!ncrcae!ncrhub2!ciss!law7!jra@network.UCSD.EDU  
Subject: TM-732 Intermod (was:Kenwood tm-732 mod/functions)  
To: info-hams@ucsd.edu

bobw@col.hp.com (Bob Witte) writes:

(ag9v wrote:)

>> Anyone else experience this intermod/overload problem, or cure it?

> Yep. I have the same problem. It turns out that a paging transmitter  
> on 462.something MHz is giving me the most problem. I built a tuned  
> stub to notch it out and the problem seems to have gone away. At least,  
> its at a low enough level that its not really a problem. I can now drive

> up to one of the local hot radio sites without picking up a million  
> different signals. (The pager was apparently intermodulating with the  
> other signals.) I didn't have much trouble on VHF, just UHF.

> I sent a letter to Kenwood and they say to send the radio in and  
> they'll fix it. I am skeptical.

> A great radio if the receiver performance was better. Kind of like  
> saying "a great boat except that it sinks".

I called Kenwood and talked to my dealer. There is a fix for the VHF side that reduces RX sensitivity by 1dB and improves dynamic range by 3dB. I'm currently trying to find out if it would be possible to do more like a 3dB deafening to get 9dB of dynamic range... with the radio's current sensitivity of .15uV for 12dB SINAD (measured) I can afford to lose 3dB ears...

There's also a fix for UHF, but apparently it's quite a bit more complicated than the VHF one, which is simply changing a resistor.

It appears that my dealer, Universal Radio in Columbus, OH, will be able to do the mod under Kenwood warranty. I'll probably have it done in two weeks or so (scheduling conflicts) and will report back the results.

John

--

John R. Ackermann, Jr.                      Law Department, NCR Corporation, Dayton, Ohio  
(513) 445-2966                              John.Ackermann@daytonoh.ncr.com  
Packet Radio: ag9v@n8acv.oh              tcp/ip: ag9v@ag9v.ampr [44.70.12.232]

-----  
Date: Sat, 23 Jan 93 13:46:50 GMT  
From: munnari.oz.au!manuel.anu.edu.au!sserve!usage!metro!ipso!runxtsa!  
richardm@network.UCSD.EDU  
Subject: VK2WI Weekly News, 24th January 1992  
To: info-hams@ucsd.edu

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VK2WI WEEKLY NEWS BULLETIN

for

24th January, 1993

(Our 2m sideband transmitter and 23 cm repeater are currently out of service for routine maintenance.)

THE MAJOR NEWS ITEM THIS WEEK:

Silent Key  
Changes to VK2WI Broadcast  
Divisional AGM  
New Amateur Satellites Coming  
Special Event Stations

SILENT KEY

We regret to have to announce the passing of LESTER PATRICK GERRITY, formerly VK2KT of Taree, last Tuesday 19th January.

Lester, aged 85, was originally licenced in New Zealand, where he worked as a ship's radio officer, back in the days of spark transmitters.

After various different careers, Lester retired first to Foster before moving to Taree.

Lester passed away peacefully, at Bushland's nursing home Taree last Tuesday, after a long illness. He is survived by his wife Margaret VK2MV and his son Michael.

Vale Lester Patrick Gerrity, formerly VK2KT.

-- Peter VK2EMU

DIVISIONAL NEWS

Please note that the Divisional office will be closed tomorrow and Tuesday, 26th January, for the Australia Day holiday, and will reopen on Wednesday.

The VK2 Divisional Annual General Meeting has been set down for the 2nd May 1993. Please submit your Council nominations and agenda items to the Parramatta office by the 17th March.

Reports from groups and sections for inclusion in the Annual Report must be received by the Divisional Secretary, Bob VK2YEL, by the end of January. If your report is "camera ready", or on disk, the typist will look kindly upon you.

The Packet Radio Forum Committee will meet at Amateur Radio House, Parramatta, on Sunday 7th February.

#### CHANGES TO VK2WI BROADCAST

As noted earlier, our 2m single sideband transmission on 144.120 MHz is currently out of service for a check-up. When it comes back on line, it will be on the new frequency of 144.150 MHz. This follows representations from members performing weak signal experiments on the calling frequency of 144.100 MHz.

Last Sunday morning's broadcast coverage on HF was very poor, though the IPS report doesn't indicate why this might have been so. We'd like to remind listeners that, in the event of poor propagation in the morning, you can still pick up the news from VK2WI in the evening, or on the packet radio or Usenet computer networks.

#### WIA MEMBERSHIP PROMOTION CONTINUES

Those of you who you join the WIA or renew your membership before the end of February, you could win a new Kenwood mobile or hand-held transceiver.

If you've been thinking about joining the WIA, this would be a good time to do it. All grades of membership are eligible to win, and you'll be helping to secure the future of Amateur Radio in Australia.

For more information, please contact the divisional office on (02) 689-2417, or write to PO Box 1066, Parramatta 2124.

-- Roger Harrison VK2ZTB

## AMATEUR CLASSES STARTING SOON

And if you've been thinking about becoming an Amateur, why not enrol in one of the Amateur Radio classes running at Parramatta. Classes begin on the 1st February at 7pm, and there's still time to join.

Many Amateur Radio clubs also run their own classes and examinations. The staff at the divisional office will be happy to tell you the location of the affiliated club nearest you.

You can also earn your ticket by taking the WIA's Amateur Radio correspondence course, and you can progress through the course at a pace that suits you.

For details of this and other WIA services, please write to

The Wireless Institute of Australia,  
PO Box 1066,  
Parramatta 2124

or phone the divisional office on (02) 689-2417.

The next Divisional exams take place at Amateur Radio House on the 21st February. Please note that the closing date for applications is the 4th February.

## SPECIAL EVENT STATIONS

On Australia Day, the VK2 division will activate VK2AWI on 2m and several HF bands, mostly 20m. The station will operate from the old Government House, Parramatta.

And a final reminder that Special Event Station VI5VIA will be active on the HF and VHF bands next weekend, from the site of Coastal Radio Station VIA. QSL via the bureau, or direct to the South Coast Amateur Radio Club in VK5.

## NEW AMATEUR SATELLITE FOR APRIL LAUNCH

The AMSAT News Service Bulletin for the 9th January reports that a new Amateur satellite, called ARSENE, is scheduled for launch on the 20th April.

The new satellite will fly aboard an ARIANE-4 launcher, together with a geostationary television satellite known as ASTRA-1C. Two stations on La Reunion Island will copy telemetry from ARSENE immediately after it separates from the rocket booster. This data will be relayed to the ARSENE ground control station at Toulouse for analysis. If you would like to collect and analyze the telemetry yourself, you can copy the telemetry on the 2M downlink frequency of 145.975 MHz using a packet radio TNC. A PC shareware program for analysing the data is available from ATEPRA, the French packet radio association:

Association Technique pour l'Experimentation du Packet  
Radio Amateur,  
23, Rue de Provins  
F-77520 MONS EN MONTAIS  
France

[You can also contact Bernard (F6VP) for the information which went into this bulletin item. If you would like to contact Bernard, he can be reached at his local packet radio BBS of F6BVP @ F6BVP.FRPA.FRA.EU or at his INTERNET address of f6bvp@amsat.org]

Reports from other sources suggest that we can also expect the launch of RS-15 sometime between February and April.

## IPS WEEKLY REPORT

15 January - 21 January 1993

Issue no.: 04

Date of issue: 22 January 1993

Date	15	16	17	18	19	20	21
10cm	126	133	126	122	116	110	107
A	13	07	11	10	19	11	(07 estimated)
T	61	120	60	50	88	84	77

## Summary of activity

Solar activity was very low on the 15th, 20th and 21st January, and low for the remainder of the period.

The geomagnetic field at Learmonth (WA) was quiet to unsettled from the 15th to 18th, at active to minor storm levels on the 19th peaking to major storm levels from 0000 to 0300 UTC on the 20th. The field returned to quiet levels on the 21st.

Ionospheric F2 critical frequencies at Sydney were near January predicted values from the 15th to the 18th, enhanced by up to 30 per cent on the 19th. On the 20th, frequencies were near normal except for up to 30 per cent enhancements from 0500 to 1100 UTC, and near normal on the 21st. There was Sporadic E blanketing several times during 15th January.

## Forecast for the next week (22 - 28 January)

Solar: Low  
Geomagnetic: Quiet to unsettled.  
Ionospheric: Near normal to up to 30 per cent above predicted January values.

-- Courtesy of IPS Radio and Space Services

IPS also provides a daily solar and geophysical report, which you can hear by dialling (02) 414-8330. they are listed in the Commonwealth Government section of the White Pages, under the Department of Administrative Services.

## COMING EVENTS

WIA recruitment promotion (win a rig!) until 28th February  
St George ARS VHF Simplex contest . . . until 28th February

Divisional Office closed . . . . . MONDAY and TUESDAY  
VK2AWI active . . . . . TUESDAY  
Closing date for Waverley ARS exams . . . . . FRIDAY  
VI5VIA Special Event Station active . . FRIDAY - NEXT MONDAY  
Closing date for VK2 AGM reports . . . . . NEXT SUNDAY  
Divisional Amateur Radio classes commence . . 1st February  
Radio Amateurs Old Timers Club net . . . . . 1st February



St George ARS meeting . . . . .	3rd February
Closing date for divisional examinations . . .	4th February
Blue Mountains ARC meeting . . . . .	5th February
Orange and District ARC meeting . . . . .	5th February
Mid South Coast ARC Annual General Meeting . .	6th February
Chifley ARC classes commence . . . . .	6th February
Packet Radio Forum Committee meeting . . . . .	7th February
VK2AWX Hunter Branch broadcasts resume . . . .	8th February
Closing date for divisional examinations . . .	11th February
Divisional Council meeting . . . . .	12th February
Waverley Amateur Radio Society exams . . . . .	13th February
Australian Amateur TV Club meeting . . . . .	14th February

#### CLUB NEWS

The RADIO AMATEURS OLD TIMERS CLUB will have its next net and callbacks on Monday, 1st February, on the following frequencies:

10am DST (2300Z) on 147.500 MHz in Melbourne, and  
7.060 MHz LSB

11am DST (2400Z) on 14.150 MHz USB, beaming north  
from Melbourne

12 noon DST (0100Z) on 14.150 MHz USB, beaming west  
from Melbourne.

-- Allan Doble VK3AMD

ORANGE AND DISTRICT AMATEUR RADIO CLUB meetings resume on Friday, 5th February, at 7:30pm. Please note the new venue, which is the Orange Cultural Centre in Sale Street, opposite the studios of radio station 2CR. The meeting will feature a lecture/demonstration by Peter VK2ALL, entitled "Snap Up That Junk for Valuable Bits".

The club will also commence Amateur Radio classes next month, and prospective students should contact Bruce VK2DEQ at home on (063) 62-8703.

Finally, the club is planning a fund-raising auction in late March. Details will appear in the club newsletter.

-- Peter VK2ETK, club secretary

The BLUE MOUNTAINS AMATEUR RADIO CLUB will hold its first meeting for 1993 on Friday the 5th of February at Springwood High School in Faulconbridge. Attraction of the evening will be a presentation by Kenwood representatives of selected items from their range of Amateur Radio gear. This might be of interest also to non BMARC members, who are most welcome to attend the meeting, which starts at 8pm local time).

-- Waldis, VK2DXV.

The MID SOUTH COAST AMATEUR RADIO CLUB announces that its Annual General Meeting will be held on Saturday 6th February, at the Hancock Ranch, Little Forest Road, Milton. The meeting will also be a family gathering, and the club provides barbecue facilities, tea, coffe, and afternoon tea.

-- Ben Mills VK2AJE, Honorary Secretary.

The CHIFLEY AMATEUR RADIO CLUB would like to anounce that they will be running classes for all grades of Amateur license, starting on Saturday, 6th February at 1.30pm. At 4pm on the same day, there will be 1-hour CW class. The Chifley Amateur Radio Club is located at the Good Shepherd School, Hyats Road, Plumpton. Any inquires can be directed to Leon McHugh VK2SLI on (02) 625- 9646.

-- Nigel Cupitt VK2KJU, Publicity Officer C.A.R.C

The next meeting of the ST GEORGE AMATEUR RADIO SOCIETY will be held at the usual venue, the 1st Allawah Scout Hall, cnr of Blakesley Road and Bellevue Parade, South Hurstville, commencing at 7.30 pm on Wednesday, February 3rd, 1993.

The guest speaker will be Rudi Bresnik VK2AOT, who will be discussing the latest technology in the commercial design and manufacture of HF amateur antennae.

The Society's 1993 Amateur Radio theory classes will

commence at Peakhurst, on Monday, March 8th, 1993. If you are, or you know someone who is interested, please contact Phil VK20X during business hours on 212-4133.

And a reminder that the Society's Allan Pettiford Memorial Auction will be held on Saturday, March 13th, 1993.

-- Phil VK20X, President SGARS

The WAVERLEY AMATEUR RADIO SOCIETY holds practice Morse sessions on air on Wednesday nights, from 7:30 to 8pm on 28.330 MHz, then from 8:00 to 8:30pm on 21.145 MHz. Net operators are Michael VK2ABR and Allan VK2GIN. Callbacks are taken on 28.330 MHz, 21.145 MHz and 146.450 MHz. Club nets are held on Tuesday nights from 7:30 to 8pm on 147.025 MHz (the Paddington repeater VK2ROT), then from 8pm on 28.330 MHz.

-- Rick VK2QU

The GLADESVILLE AMATEUR RADIO CLUB is running test transmissions on ATV channel 2 (70 cm.) on Wednesday, Saturday and Sunday evenings during the Channel 35 test transmissions.

The club requests signal reports so that further fine tuning can be done on the 444.25 MHz transmitter before it is put into service in a repeater. Please call in with your signal reports, either on the club repeater 146.925 MHz, or ring (02) 427-0530.

-- Pat VK2JPA

The AUSTRALIAN AMATEUR TELEVISION CLUB will hold its first meeting of the year, on 14th February, at Amateur Radio House, Parramatta, starting at 1pm. Many activities are planned for the year, including participation in the Gosford Field Day at Wyong.

The club also offers members a variety of 70cm, 23cm, and (soon) 3cm ATV boards and parts. Enquire at any club meeting for details.

The club's 2m net is on Tuesdays at 7pm, on 146.625 Mhz.  
Correspondence may be sent to PO Box 494, Liverpool 2170, or  
phone (02) 671-4832 after hours.

-- Mark VK2GFR, secretary

Finally, the SUMMERLAND AMATEUR RADIO CLUB will be  
conducting its Annual General Meeting at the Clubrooms  
Richmond Hill, on Sunday 21st February 1993, commencing at  
2pm. All members are asked to attend.

Usual refreshments and other "goodies" will be available.  
Visitors are always welcome.

-- Graeme VK2GJ, Publicity Officer.

#### BROADCAST ROSTER

Next Sunday morning: Richard VK2SKY and Les VK2KCP  
Next Sunday evening: Steven Carr and Colin VK2DYM

The divisional office is open from 11am to 2pm, Monday to  
Friday, and 7-9pm Wednesday nights. The phone is answered  
from 12-1pm during the day, and you can leave a message on  
the answering machine outside these hours.

Items for inclusion in this bulletin may be sent by mail to  
Post Office Box 1066, Parramatta 2124; by fax on (02)  
633-1525, or by packet radio to "VK2WI at VK2RWI".

News highlights are also available on the divisional voice  
mailbox on (02) 552-5188, and you can leave a message  
afterwards if you wish.

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Richard P. Murnane  
Internet: richardm@runx.oz.au  
UUCP: uunet!runx.oz.au!richardm  
Packet: VK2SKY @ VK2RWI.NSW.AUS.OC

"Making it up? Making it up? Why should  
I want to make anything up? Life's bad  
enough without inventing more of it."  
- Marvin the Paranoid Android

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End of Info-Hams Digest V93 #102

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